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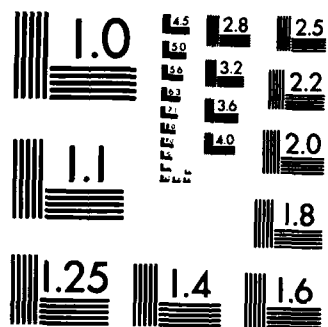
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BIBLIOGRAPHY OF SOVIET LASER DEVELOPMENTS

No. 67

SEPTEMBER - OCTOBER 1983

Date of Report

December 5, 1984

**Vice Director for Foreign Intelligence
Defense Intelligence Agency**

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20. ABSTRACT This is the Soviet Laser Bibliography for September-October 1983, and is No. 67 in a continuing series on Soviet laser developments. The coverage includes basic research on solid state, liquid, gas, and chemical lasers; components; nonlinear optics; spectroscopy of laser materials; ultrashort pulse generation; crystal growing; theoretical aspects of advanced lasers; and general laser theory. Laser applications are listed under biological effects; communications; beam propagation; adaptive optics; computer technology; holography; laser-induced chemical reactions; measurement of laser parameters; laser measurement applications; laser-excited optical effects; laser spectroscopy; beam-target interaction; and plasma generation and diagnostics.		

INTRODUCTION

This bibliography has been compiled under an interagency agreement as a continuing effort to document current Soviet-bloc developments in the quantum electronics field. The period covered is September-October 1983, and includes all significant laser-related articles received by us in that interval. The bulk of the entries come from the approximately 30 periodicals which are known to publish the most significant findings in Soviet laser technology. Citations from the Soviet Reference Journals are also included. Laser items from the popular or semipopular press are generally omitted. All sources cited with no parenthetical notation are available at the Library of Congress. A parenthetical entry indicates the secondary source in which the citation was found as a bibliographic entry or abstract, but for which the original source is not currently available at the Library.

Starting with this issue, we are producing the entire bibliography on computer. To make our bibliography compatible with other data bases, we have converted the source abbreviations from our previous practice of those used in the Soviet Union to the letter codens generally used in our own government. Likewise, we have converted the affiliations designations from numbers to letter codens. The authors' affiliations are indicated in parentheses after the authors' names in the text. Empty parentheses indicate the affiliation was not given. A source abbreviations list, authors' affiliations list, and author index are included in the back of the bibliography.

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I. BASIC RESEARCH

A. SOLID STATE LASERS

1. Crystal

a. Miscellaneous

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- i. CF₄
 - j. N₂O
 - k. H₂O
 - l. D₂O
 - m. Submillimeter
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g. H2

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g. Xanthene

h. POPOP

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J. BEAM-TARGET INTERACTION

1. Miscellaneous Targets

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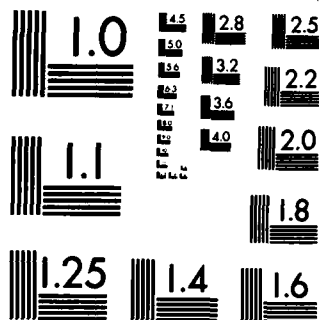
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MICROCOPY RESOLUTION TEST CHART
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IV SOURCE ABBREVIATIONS

(Note: CTC = cover-to-cover translation available)

APAHA	Acta physica academiae scientiarum hungaricae
APOBB	Acta physica polonica. Series B
APSVC	Acta physica slovaca
APYCA	Acta physica et chemica. Szeged
ARPTA	Arkhiv patologii
ATPLB	Acta physica polonica. Series A
AVMEB	Avtometriya (CTC)
BPPHA	Beitraege aus der Plasmaphysik
CKCFA	Ceskoslovensky casopis pro fysiku
CMSSMODD	Mezhvedomstvennoye soveshchaniye: Statisticheskiye metody obrabotki dannykh distantSIONnogo zondirovaniya okruzhayushchey sredy
CVKAKaku	Vsesoyuznaya konferentsiya po akustoelektronike i kvantovoy elektronike
CVKFNPla	Vsesoyuznaya konferentsiya po fizike nizko-temperaturnoy plazmy
CVKSegne	Vsesoyuznaya konferentsiya: Segnetoelektriki
CVSAOakt	Vsesoyuznoye soveshchaniye po atmosfernoy optike i aktonometrii
CVShANis	Vsesoyuznaya shkola po avtomatizatsii nauchnykh issledovaniy
CVSMREOS	Vsesoyuznyy seminar: Metody rascheta elektronno-opticheskikh sistem
CVSNMIOP	Vsesoyuznyy seminar: Nekontaktnyye metody izmereniya okeanograficheskikh parametrov
CVSSpekt	Vsesoyuznyy s"yezd po spektroskopii
CVSSSost	Vsesoyuznoye soveshchaniye: Stekloobraznoye sostoyaniye

DANAA	Akademiya nauk Armyanskoy SSR. Doklady
DANKA	Akademiya nauk SSSR. Doklady (CTC)
DBLRA	Akademiya nauk BSSR. Doklady
DEFKA	Defektoskopiya (CTC)
DERUD	Deponirovannyye nauchnyye raboty (formerly: Deponirovannyye rukopisi. Bibliograficheskiy ukazatel'. Yestyesvennyye i tochnyye nauki, tekhnika)
EKVZA	Elektrosvyaz' (CTC)
ELPBA	Elektropromishlennost i priborostroene
EOBMA	Elektronnaya obrbotka materialov (CTC)
FGRTA	Feingeraetetechnik
FKOMA	Fizika i khimiya obrabotki materialov
FKSTD	Fizika i khimiya stekla (CTC)
FOOSD	Fundamental'nyye osnovy opticheskoy pamyati i sredy
FTPPA	Fizika i tekhnika poluprovodnikov (CTC)
FTVTA	Fizika tverdogo tela (CTC)
GZKGA	Geodeziya i kartografiya (CTC)
IAAFA	Akademiya nauk Armyanskoy SSR. Izvestiya. Fizika
IATOA	Akademiya nauk Tadzhikskoy SSR. Izvestiya. Otdeleniye fiziko-matematicheskikh i geolog-khimicheskikh nauk
IFAOA	Akademiya nauk SSSR. Izvestiya. Fizika atmosfery i okeana (CTC)
INFZA	Inzhenerno-fizicheskiy zhurnal (CTC)
ITUFA	Akademiya nauk Turkmenkoy SSR. Izvestiya. Seriya fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk
IUZFA	Akademiya nauk Uzbekskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh nauk
IVNMA	Akademiya nauk SSSR. Izvestiya. Neorganicheskiye materialy (CTC)

IVUBA	Izvestiya vysshikh uchebnykh zavedeniy. Priborostroyeniye (CTC)
IVUFA	Izvestiya vysshikh uchebnykh zavedeniy. Fizika (CTC)
IVUZB	Izvestiya vysshikh uchebnykh zavedeniy. Radioelektronika
IVYRA	Izvestiya vysshikh uchebnykh zavedeniy. Radiofizika (CTC)
IZFMB	Akademiya nauk Moldavskoy SSR. Izvestiya. Seriya fiziko-tekhnicheskikh i matematicheskikh nauk
IZSKA	Akademiya nauk SSSR. Sibirskoye otdeleniye. Izvestiya. Seriya khimicheskikh nauk (CTC)
IZTEA	Izmeritel'naya tekhnika (CTC)
JTPHD	Journal of Technical Physics (Poland)
KEHTA	Kep es hangtehnika
KHPLD	Khimiya plazmy
KHVKA	Khimiya vysokikh temperatur (CTC)
KLDVA	Knizhnaya letopis'. Dopolnitel'nyy vypusk. Avtroreferaty dissertatsii
KNLTA	Knizhnaya letopis'
KRISA	Kristallografiya (CTC)
KRSFA	Kratkiye soobshcheniya po fizike (CTC)
KVEKA	Kvantovaya elektronika (journal, Moskva) (CTC)
KVELA	Kvantovaya elektronika (sbornik, Kiyev)
LFSBA	Litovskiy fizicheskiy sbornik (CTC)
MEUAU	Meres es automatika
NAUZA	Nauka i zhizn'
OIPOB	Otkrytiya, izobreteniya promyshlennyye obraztsy, tovarnyye znaki (CTC)
OPAPB	Optica applicata (Poland)
OPMPA	Optiko-mekhanicheskaya promyshlennost' (CTC)

OPSPA	Optika i spektroskopiya (CTC)
PAKBA	Promyshlennost' Armenii
PRSUB	Problemy i sistemy upravleniya (CTC)
PRTEA	Pribory i tekhnika eksperimenta (CTC)
PSSAB	Physica status solidi (A). Applied Research (GDR)
PSSBB	Physica status solidi (B). Basic Research (GDR)
PZTFD	Zhurnal tekhnicheskoy fiziki. Pis'ma (CTC)
RAELA	Radiotekhnika i elektronika (CTC)
RATEA	Radiotekhnika (journal, Moskva) (CTC)
RTKHA	Radiotekhnika (sbornik, Khar'kov)
RTTLA	Revista transporturilor si telecomunicatiilor
RZETA	Rozprawy elektrotechniczne
RZFZA	Referativnyy zhurnal. Fizika
RZRAB	Referativnyy zhurnal. Radiotekhnika
SCEFA	Studii si cercetari de fizica
SDTEA	Sdelovaci technica
SLOZA	Slaboproudy obzor
TKTEA	Tekhnika kino i televideniya
TVOOB	Tekhnika i vooruzheniye (CTC)
TVYTA	Teplofizika vysokikh temperatur (CTC)
UFNAA	Uspekhi fizicheskikh nauk (CTC)
UFZHA	Ukrainskiy fizicheskii zhurnal (CTC)
VANSA	Akademiya nauk SSSR. Vestnik (CTC)
VBMFA	Belorusskiy universitet. Vestnik. Seriya 1. Matematika, fizika, mekhanika
VEOFA	Vestnik oftal'mologii
VKPRB	Kiyevskiy politekhnicheskii institut. Vestnik. Seriya radioelektronika

VLUPB	Leningradskiy universitet. Vestnik. Fizika i khimiya
VMUFA	Moskovskiy universitet. Vestnik. fizika, astronomiya (CTC)
VMUKA	Moskovskiy universitet. Vestnik. Khimiya (CTC)
ZAACA	Zeitschrift fuer anorganische und allgemeine chemie
ZAKHA	Zhurnal analiticheskoy khimii (CTC)
ZETFA	Zhurnal eksperimental'noy i teoreticheskoy fiziki (CTC)
ZFPRA	Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma (CTC)
ZNOKA	Zhurnal neorganicheskoy khimii (CTC)
ZNPFA	Zhurnal nauchnoy i prikladnoy fotografii i kinematografii (CTC)
ZPMFA	Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki (CTC)
ZPSBA	Zhurnal prikladnoy spektroskopii (CTC)
ZRBEA	Zarubezhnaya radioelektronika
ZTEFA	Zhurnal tekhnicheskoy fiziki (CTC)
ZVMFA	Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki (CTC)

V. AUTHOR AFFILIATIONS

BGU

Belorusskiy gos universitet
Belorussian State University

DVGU

Dal'nevostochnyy gos universitet
Far Eastern State University, Vladivostok

EIS

Elektrotekhnicheskiy institut svyazi
Electrotechnical Institute of Communications, Leningrad

FIAN

Fizicheskiy institut im Lebedeva AN SSSR
Physics Institute imeni Lebedev, Academy of Sciences
USSR, Moscow

FIANKuy

Kuybyshevskiy filial Fizicheskogo instituta AN SSSR
Kuybyshev Branch of the Physics Institute, Academy of
Sciences USSR

FTI

Fiziko-tekhnicheskiy institut im Ioffe AN SSSR
Physicotechnical Institute im Ioffe, Academy of
Sciences USSR, Leningrad

FTIANTu

Fiziko-tekhnicheskiy institut AN TurkSSR
Physicotechnical Institute, Academy of Sciences
Turkmen SSR, Ashkhabad

FTIANUK

Fiziko-tekhnicheskiy institut AN UkrSSR
Physicotechnical Institute, Academy of Sciences
Ukrainian SSR, Khar'kov

GEOKhI

Institut geokhimii i analiticheskoy khimii
im Vernadskogo AN SSSR
Institute of Geochemistry and Analytical Chemistry
imeni Vernadskiy, Academy of Sciences USSR, Moscow

GGU

Gor'kovskiy gos universitet
Gor'kov State University

Giredmet

Gos NI i proyektyny institut redkometallicheskey
promyshlennosti
State Scientific Research and Planning Institute of the
Rare Metals Industry

GOI

Gosudarstvennyy opticheskiy institut im Vavilova
State Optical Institute imeni Vavilov, Leningrad

GOIN

Gosudarstvennyy okeanograficheskiy institut
State Oceanographic Institute

GrodGU

Grodnenskiy gos universitet
Grodno State University

IAE

Institut atomnoy energii im Kurchatova
Institute of Atomic Energy imeni Kurchatov, Moscow

IAESOAN

Institut avtomatiki i elektrometrii SOAN
Institute of Automation and Electronic Measurements,
Siberian Branch Academy of Sciences USSR

IAFAEst

Institut astrofiziki i fiziki atmosfery AN EstSSR
Institute of Astrophysics and Physics of the Atmosphere,
Academy of Sciences Estonian SSR, Tallin

IED

Institut elektrodinamiki AN UkrSSR
Institute of Electrodynamics, Academy of Sciences
Ukrainian SSR

IEI

Institut fizicheskikh issledovaniy AN ArmSSR
Institute of Physics Research, Academy of Sciences
Armenian SSR

IEM

Institut eksperimental'noy meteorologii
Institute of Experimental meteorology, Obninsk

IFANB

Institut fiziki AN BSSR
Institute of Physics, Academy of Sciences
Belorussian SSR, Minsk

IFANBMO

Mogilevskiy filial Instituta fiziki AN BSSR
Mogilev Branch of the Institute of Physics,
Academy of Sciences Belorussian SSR

IFANEst

Institut fiziki AN EstSSR
Institute of Physics, Academy of Sciences Estonian SSR

IFANLi

Institut fiziki AN LitSSR
Institute of Physics, Academy of Sciences Lithuanian SSR

IFANUk

Institut fiziki AN UkrSSR
Institute of Physics, Academy of Sciences Ukrainian SSR,
Kiev

IFPSOAN

Institut fiziki poluprovodnikov SOAN
Institute of Semiconductor Physics, Siberian Branch
Academy of Sciences USSR, Novosibirsk

IFSOAN

Institut fiziki SOAN
Institute of Physics, Siberian Branch Academy of
Sciences USSR

IFZ

Institut fiziki zemli im Shmidta AN SSSR
Institute of Physics of the Earth imeni Shmidt,
Academy of Sciences USSR

IKAN

Institut kristallografii AN SSSR
Institute of Crystallography, Academy of Sciences
USSR, Moscow

IKhF

Institut khimicheskoy fiziki AN SSSR
Institute of Physics of Chemistry, Academy of Sciences
USSR

IMET

Institut metallurgii im Baykova
Institute of Metallurgy imeni Baykov, Moscow

IMFS

Institut mekhaniki i fiziki
Institute of Mechanics and Physics, Saratov

Informelektro

Tsentral'nyy NII informatsii i tekhniko-ekonomicheskikh
issledovaniy v elektrotekhnike
Central Scientific Research Institute of Information
and Technical Economic Research in Electric
Engineering, Moscow

IOA

Institut optiki atmosfery SOAN
Institute of Atmospheric Optics, Siberian Branch
Academy of Sciences USSR

IOF

Institut obshchey fiziki AN SSSR
Institute of General Physics, Academy of Sciences
USSR, Moscow

IONKhaNUkr

Institut obshchey i neorganicheskoy khimii AN UkrSSR
Institute of General and Inorganic Chemistry, Academy
of Sciences Ukrainian SSR, Kiev

IPANUK

Institut poluprovodnikov AN UkrSSR
Institute of Semiconductors, Academy of Sciences
Ukrainian SSR, Kiev

IPF

Institut prikladnoy fiziki AN SSSR
Institute of Applied Physics, Academy of Sciences
USSR, Gor'kiy

IPM

Institut prikladnoy matematiki AN SSSR
Institute of Applied Mathematics, Academy of Sciences
USSR

IPMe

Institut problem mekhaniki AN SSSR
Institute of Problems of Mechanics, Academy of Sciences
USSR, Moscow

IRE

Institut radiotekhniki i elektroniki AN SSSR
Institute of Radioengineering and Electronics, Academy
of Sciences USSR, Moscow

IRFEANUK

Institut radiofiziki i elektroniki AN UkrSSR
Institute of Radiophysics and Electronics, Academy of
Sciences Ukrainian SSR

ISAN

Institut spektroskopii AN SSSR
Institute of Spectroscopy, Academy of Sciences USSR

ISE

Institut sil'notochnoy elektroniki SOAN
Institute of High-Current Electronics, Siberian Branch
Academy of Sciences USSR, Tomsk

ITEF

Institut teoreticheskoy i eksperimental'noy fiziki
Institute of Theoretical and Experimental Physics, Moscow

ITF

Institut teplofiziki SOAN
Institute of Thermophysics, Siberian Branch Academy of
Sciences USSR, Novosibirsk

ITK

Institut tekhnicheskoy kibernetiki AN BSSR
Institute of Technical Cybernetics, Academy of Sciences
Belorussian SSR

ITMO

Institut teplo- i massoobmena AN BSSR
Institute of Heat and Mass Exchange, Academy of Sciences
Belorussian SSR

ITPM

Institut teoreticheskoy i prikladnoy mekhaniki SOAN
Institute of Theoretical and Applied Mechanics, Siberian
Branch Academy of Sciences USSR, Novosibirsk

ITTANUKr

Institut tekhnicheskoy teplofiziki AN UkrSSR
Institute of Technical Thermophysics, Academy of Sciences
Ukrainian SSR

IVTAN

Institut vysokikh temperatur AN SSSR
Institute of High Temperatures, Academy of Sciences USSR

IYaFSOAN

Institut yadernoy fiziki SOAN
Institute of Nuclear Physics, Siberian Branch Academy of
Sciences USSR

KaGU

Kazanskiy gos universitet
Kazan' State University

KazNIIMM

NII matematiki i mekhaniki Kazanskogo gos universiteta
Scientific Research Institute of Mathematics and
Mechanics at Kazan' State University

KGU
 Kiyevskiy gos universitet
 Kiev State University
 KhGU
 Khar'kovskiy gos universitet
 Khar'kov State University
 KIIGA
 Kiyevskiy institut inzhenerov grazhdanskoy aviatsii
 Kiev Institute of Civil aviation Engineers
 KPIA
 Kiyevskiy politekhnicheskii institut
 Kiev Polytechnic Institute
 KrGU
 Krasnoyarskiy gos universitet
 Krasnoyarsk State University
 KubU
 Kubanskiy gos universitet
 Kuban' State University
 KuyGU
 Kuybyshevskiy gos universitet
 Kuybyshev State University
 LatGU
 Latviyskiy gos universitet
 Latvian State University
 LGU
 Leningradskiy gos universitet
 Leningrad State University
 LGUNIIKhim
 NII khimii Leningradskogo gos universiteta
 Scientific Research Institute of Chemistry at
 Leningrad State University
 LITMO
 Leningradskiy institut tochnoy mekhaniki i optiki
 Leningrad Institute of Precision Mechanics and Optics
 LIYaF
 Leningradskiy institut yadernoy fiziki AN SSSR
 Leningrad Institute of Nuclear Physics, Academy of
 Sciences USSR
 LOMO
 Leningradskoye optiko-mekhanicheskoye obshchestvo
 Leningrad Optomechanical Society
 LPI
 Leningradskiy politekhnicheskii institut
 Leningrad Polytechnic Institute
 MATI
 Moskovskiy aviatsionnyy tekhnologicheskii institut
 Moscow Aviation Technological Institute
 MEI
 Moskovskiy energeticheskii institut
 Moscow Power Engineering Institute

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SODINOV V N	69	SVET V D	52	TRINCHUK B F	20
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SPROBAR F	5	SYTENKO T N	71	TROSHIN B I	82
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SPABNIKOV M V	58	SZIL E	77	TRUFAN V A	79
SPAFEYEV G V	74	SZUMOWSKI L	9	TRUSHIN S A	11
STANCIU I	23	SZUSTAKOWSKI M	30, 31	TSARYUK O V	57
STARCHAYEVA YE YE	23	SZYDLOWSKI A	81	TSEPELEV V YE	10
STARIK A M	8	TABARIN V A	9	TSEKOVNYY S I	8
STARIKOV S N	49	TADZHI-AGLAYEV KH G	33	TSESNEK L S	87
STARODUBTSEV N F	53	TAKTAKISHVILI M I	79	TSKHAY S N	8
STARODUBTSEV A I	54	TALANOV V I	29	TSURKO V V	37
STARODUBTSEV N F	79	TALENSKIY O N	79	TSYASHCHENKO YU P	75
STAROSTIN A N	11, 53, 54	TAL'ROZE V	17	TSYBA P G	20
STASEL'KO O I	49	TAL'ROZE V L	18	TUCHIN V V	9
STASHKEVICH I V	50	TAMASHYAVICHYUS A V	23	TUCHKOVA YE A	78
STEB A M	29	TARANENKO L V	5	TUMAKOV A G	46
STEFANOVICH YU T	75	TARANENKO V B	49	TUPIKIN G V	37
STEL'MAKH M F	2	TARANENKO V G	48	TUROVSKIY L A	66
STENUSHKIN N P	77			TVERDOKHLEB P YE	52

RUD' YU V	69	SEMENOV A V	23	SHITSKOVA A P	87
RUDNITSKIY YU P	44	SEMENOV L P	42, 44, 46	SHKADAREVICH A P	1, 2
RUDOV S G	70	SEMENOV P F	58	SHLITERIS E P	11
RUMYANTSEV D M	70	SEMENOV P M	29	SHLYAPOCHNIKOVA N S	29
RUMYANTSEV V D	4	SEMENOV V YE	19	SHMAL'KO A V	38
RUPASOV A A	79	SEMENYCHEV L N	15	SHMAREV YE K	75
RUSANOV YU A	81, 83	SEMICHEV A YA	16	SHMAVONYAN S V	68
RYABCHUK S V	54	SEMIOKHIN I A	53	SHMELEV A K	48
RYABOV A P	38	SEMKIN V N	70	SHMIKK D V	53
RYABUKHO V P	51	SENATSKIY YU V	81	SHMOTKIN YU S	15
RYAKHIN A D	47	SENDERAKOVA D	42	SHOTOV A P	4, 67
RYAZANOV A V	58	SEN'KO V V	41	SHPAK M T	76
RYAZANOV M I	42	SENOKOSOV E A	70	SHPILEVSKIY R V	64
RYAZANTSEV V F	62	SEPMAN V YU	8	SHPILOVOY B N	81
RYKALIN N N	78, 83	SERDOBTNTSEV P YU	17	SHPUGA S M	48
RYKHLOV A F	21	SERDYUK V M	52	SHTARKOV A L	53
RYS' A G	73	SEREBRYAKOV V A	2	SHTOKMAN M I	36
RYSEV B P	30, 68	SEREDYUK O YE	59	SHUAIBOV A K	17
RYSIN V V	57	SEREGIN A M	47	SHUB D M	74
RYZHECHKIN S A	32	SEREGIN S L	6	SHUBIN N N	17
RYZHIY V I	6	SERGEYEV A B	32	SHULAKOV V N	11
SAARI P M	51, 54	SERGEYEV P B	16	SHULEKIN S F	39
SADYKOVA SH Z	49	SERGEYEV S N	22	SHUL'GA A YA	56
SAFARYAN F P	2	SERGEYEV V N	73	SHUR K	37
SAFONOV S A	12	SERGINOV M	69	SHUSHPANOV O YE	37
SAFRONOV G S	51, 65	SEROV A V	33	SHVETS V A	65
SAGATELYAN D M	21	SEROV R V	22	SHVEYGERT V A	19
SAGINURI M I	4	SETEYCHEV K F	60	SIDGRENKO YU K	46
SAGITOV S I	59	SEYRANYAN K B	2	SIDORIN A V	77
SAKHNO S P	74	SHABALOV V V	31	SIDOROV N V	75
SAKIYEV S N	31	SHALAGINOV V V	14	SIDOROVA T A	70
SALEWSKI K D	60	SHAL'NOVA N I	14	SIDOROVICH V G	29
SAL'KOVA YE N	48, 51	SHANIN V I	65	SIGAREV A A	76
SALIVON G I	29	SHAPIRO D A	19	SIGITOV D K	49
SALYUK V A	36	SHAPIRO YE SH	58	SILIN V P	29, 30, 80
SAMARTSEV V V	27	SHAPOVALOV S L	58	SIL'NOV S M	80
SAMEDOV A B	45	SHARKOV V F	15, 56	SIMAKOV A N	30
SAMODELKIN V V	59	SHATKOVSKIY YE V	23	SIMAKOV V A	59
SAMOKHIN A A	77, 78	SHAVERDOVA V G	69	SINITSA L N	75, 87
SAMOKHIN A N	76	SHAVROV V G	51	SINITSYN G V	1, 26
SAMSON A M	69	SHCHEBELIN V G	53	SINTYURIN G A	46
SARADZHISHVILI N M	4	SHCHEKOTUROV L V	24, 25	SIROTKIN A A	10
SARANTSEV V P	59, 80	SHCHERBAKOV A A	6, 55	SISAKYAN I N	21, 33, 55, 74
SARDYKO V I	19	SHCHERBAKOV I A	1, 2	SISAKYAN YE V	21
SARKISOV O M	54	SHCHERBAKOV YE A	23	SISHKIN I F	61
SARNADSKIY V N	61	SHCHERBAKOV YU A	60, 62, 66	SITNIKOV S F	44
SARTAKOV B G	53	SHEDOVA YE N	62	SIVOVOLOV V A	44
SAVCHENKO A N	74	SHEGAY O A	69	SKLIZKOV G V	6, 79, 81, 83
SAVCHUK A V	48, 51	SHEKHTMAN V L	71	SKOBELKIN O K	36
SAVEL'YEV I I	9	SHELOBOVIN A V	65	SKOROBOGATOV G A	27
SAVILOVA YU I	52	SHEL'PYAKOV V YU	82	SKOVOROD'KO S N	13
SAVIN A A	21, 65	SHELYAG-SOSONKO YU R	14, 15	SKRIPACHEV I V	37
SAVINOV S YU	8	SHEREMET'YEV D N	62	SKRIPKIN A M	43, 46, 84
SAVKIN V V	18	SHEROZIYA A A	65	SKROTSKAYA G G	79
SAVVA V A	69	SHERSTYUK V P	67	SKRZECZANOWSKI W	81
SAVVINA R M	79	SHESTAKOV V P	52, 69	SKVORTSOV A M	4
SAYKIN A S	49	SHESTAKOV A V	2	SKVORTSOV M N	68
SAZONOV A I	52	SHESTAKOV B A	24, 80	SKVORTSOV YU S	65
SCHARZ J	25	SHEVCHENKO S B	50, 52	SLESAREV A G	43
SCHIEFELBEIN D	78	SHEVCHENKO YU I	19	SLIVKA V YU	22
SCHIELICKE R	23	SHEVEL' S G	5	SMAKOVSKIY YU B	10
SCHMIDT D	41	SHEVELEVA T YU	45	SMIRNITSKIY V B	5
SCHMIDT K	39	SHEVERA V S	17	SMIRNOV A S	19
SCHOLZ M	81	SHEVEREV V A	8	SMIRNOV V A	1, 2, 6
SCHUBERT D	25	SHEVYAKOV M M	43	SMIRNOV V I	29
SCHWERDTNER A	24	SHEVYREV A S	13	SMIRNOV V L	38
SELEZNEVA L A	13	SHEYNKMAN M K	52	SMIRNOV V V	45, 53, 55, 74
SEMENTCHIK V G	49, 51	SHIGORIN V D	26	SMIRNOVA V A	22
SEMENTOV V P	21	SHIKANOV A S	79	SMOLINSKI A	41
SEMENTOV A S	4, 38	SHIL'NIKOV YE V	78	SMOL'YANINOVA I S	58
SEMENTOV A T	59	SHIPULO G P	26	SNOPKO V N	57
		SHISHLOV V I	74	SNYTNIKOV V N	81

OVAKIMYAN T O	68	PIKUS G YE	73	PROTS' M I	2
OVCHINNIKOV V M	25	PILIPETSKIY N F	29	PROTSENKO YE D	12, 87
OVSYANNIKOV V A	36	PIMENOV A S	2	PRYTKOV S I	61
PADALCO S A	33	PIROGOVA I YU	74	PUCHKOVSKAYA G A	76
PADUCHIKH L I	74	PIROZHNIKOV L B	86	PUDKOV S D	67
PAL' A F	54	PIRUZYAN E V	7	PUGA P P	75
PALKIN A M	69	PISARCZYK T	81	PUGOVKIN A V	31
PANASYUK V F	11	PISKARSKAS A	28	PUKINSKAS G	71
PANCHENKO M V	46	PIS'MENNY V D	54	PUL'KIN S A	6
PANCHISHIN I M	72	PIVOVAROV N N	37	PUSCAS N	27
PANENKO V V	64	PLESHAKOVA R P	82	PUSHKAROVA K S	48
PANKOV B N	52	PLETNEV N V	81	PUSTOVALOV T M	55
PANKOVA R B	20	PLETNEVA N I	25	PUSTOVALOV V K	45
PANOV V P	42	PLOTNICHENKO V G	37, 40	PUZYREV V V	41
PANTELEYEV V M	62, 67	PLYASULYA V M	82	PYASETSKIY V B	57
PANYUSHKIN V A	62	POBELYAN V A	83	PYATNITSKIY L N	64, 73
PAPERNNY S B	2	PODMOSHENSKIY I V	67		
PARAMONOV A A	58	PODOBEDOV V B	75	RABA O B	2
PARAMONOV G K	69	PODTYNCHENKO S G	72	RABINOVICH E M	9
PARFENOV A V	59	POGIBEL'SKIY A P	30	RAGUL'SKIY V V	28, 29
PARIMBEKOV Z A	69	POGOSYAN A R	69	RAK S L	64
PARKHOMENKO YU G	36	POHLACK H	22	RAKHVAL'SKIY M P	3
PARSHIN G D	14	POKAZAN'YEV V G	67	RAKIN V I	64
PARYGIN V N	24, 25, 31	POKORA L	81	RAKOV SH A	45
PASHCHENKO G S	57, 64	POKORMYAKHO N G	57	RAKUSHIN YU A	51
PASHIN S YU	24	POKOROVSKIY YU A	56	RAMENDIK G I	75
PASHININ P P	1, 22, 55	POLEVOY B I	13	RAPOPOV N A	74
PASHKIN S V	7	POLKANOV YU A	45	RASPONIN A N	44
PASHKOV V A	2	POLUBOYAROV V A	79	RAYEVSKIY I M	76
PASMANIK G A	22, 47	POLUEKTOV I A	59	RAYEVSKIY V G	83
PASTOR A A	17	POLYAKOV S I	58	RAYKHERT V A	55
PATLAKH A L	61	POLYAKOV YE V	59	RAYKOV S N	72
PATRIN G S	69	POLYNOVSKAYA N YA	73	RAZDOBARIN G T	80
PATSEVICH V YE	20	POL'ZE S	21	RAZHADZE D I	79
PAUL H	8	PONOMARENKO A G	79, 81	RAZZHIVIN B P	31
PAUL' KH	8	PONOMAREV A L	41	REBANE A K	51, 54
PAVLOV V A	61	PONOMAREV D I	12	REGAN Y P	40
PAVLOV V N	43	PONOMAREV YU N	42	REICH P	74
PECHENEGOV S M	20	PONOMAREVA S B	42	REMIGAYLO YU L	11
PECHENOV A N	20	PONTEKORVO D B	60, 62	REMIZOVICH V S	42
PECZELI I	61	POPESCU I M	27	RENSCHEN C	23, 41
PEKA G P	4	POPKOV O I	40	REPNIKOV N N	20
PEKLENKOV V D	79	POPKOVA L I	40	RESHETNIKOV V A	65
PELIPENKO V I	48, 55	POPOV A I	49	REUTOVA N M	34
PEN YE F	52	POPOV A K	84	REVIN I D	33
PENDYUR S A	17	POPOV V G	88	REYTEROV V M	66
PEREVALOV M G	4	POPOV V V	21	REZANOV A A	65
PEREVOZCHIKOV A N	23	POPOV YU M	20, 59	RICHTER P	61
PERVEZENTSEV N I	65	POPOVICHEV V I	29	RIDEL' G	51
PESHKO I I	32, 51	POROTNIKOV N V	74	RISTICI M	9
PETRAKOVSKIY G A	69	POROTNOVA S M	26	RIVLIN L A	32
PETRENKO V T	45	PORTNOY YE L	4, 5	RODER R	78
PETROV A V	60	POSPELOV L A	60	RODIONOV N B	56
PETROV D V	31, 39	POSUKH V G	79, 81	ROEPCKE J	60
PETROV K I	74	POTAPOV V T	40, 64	ROGOV S A	30
PETROV S A	58	POTEKHIN A G	60	ROGOVTSEV P N	67
PETROV V A	3	POTEMKIN A K	29	ROGOZKIN D B	42
PETROVA M D	8	POTERYAYEV A G	11	ROLAND K	20
PETROVA V Z	38	POTIKHONOV G N	61	ROLOFF H J	78
PETROVA YE A	66	POVETKIN V A	23	ROMANIUK R	40
PETROVSKIY A N	27	PRASKOVA Z M	59	ROMANOV V P	57
PETROVSKIY V A	64	PRAVE G G	69	ROSOLA I I	75
PETRU F	64	PRIDATKO G D	22	ROSS YU K	62
PETRUKHIN G D	86	PRILYUK O M	22	ROZANOV V B	82
PETUKHOV V O	11	PRISHIVALKO A P	45	ROZANOV V V	65
PEVZNER YA B	20	PROKHOROV A M	1, 2, 3, 21, 23, 33, 66, 80	ROZENBLYUM YU Z	58
PEYSAKHSON I V	21	PROKHOROV V P	40	ROZHDESTVIN V N	35
PICHUGIN A P	65	PROKOPENKO N V	77	ROZHKOV B K	50
PICHUGIN S YU	18	PROSKE D	37	RUBANOV A S	50
PICHUGIN V V	54	PROTASOV YU I	74	RUBINOV A N	2, 32, 71
PIKHTIN A N	86	PROTASOV YU S	53	RUBINOV YU A	56
				RUBTSOVA N N	54

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MARKILOV A A	49	MIRONOV V YE	80	NAZARENKO B P	1
MARKIN YE	17	MIRONOV YU A	49	NAZARYAN A A	7
MARKOV V P	73	MIROV S B	1	NECHAYEV S V	72
MARKOV YU V	40	MIROVITSKIY D I	23, 65	NECHAYEV YU I	80
MARMALEV A I	67	MIRZA S YU	7	NECHAYEVA T A	22
MARTYNOVICH YE F	32	MISHIN V I	14, 54	NEKRASOV A A	11
MARUTKIN A Z	18	MISHURNYY V A	5	NELYUBIN N F	84
MASALOV A V	26	MITEV V M	44, 45	NEMENOV M I	4
MASHEK I CH	63	MITINA N I	88	NESRULLAYEV A N	69
MASHKEVICH V S	70	MIT'KO S V	60	NEZGURETSKIY B S	1
MASKEVICH S A	72	MITROFANOV A S	63	NEZHENTSEV B YU	19
MASLAKOV S YU	3	MITROFANOV T M	56	NICOLAU-REBIGAN S	9
MASLYANITSYN I A	26	MITSUK V YE	81, 83	NIKANOROVA YE A	31
MASYCHEV V I	36	MITYASHEV B N	86	NIKIFOROV S M	53
MATISOV B G	39	MIZERINA N YU	6	NIKITIN M V	67
MATOKHIN A V	67	MKHEIDZE G P	21	NIKITIN P I	82
MATSKO M G	72	MOGILEVICH V N	41	NIKITIN S YU	26
MAT'EYEV I N	10, 12	MOGIL'NAYA T YU	9	NIKITIN V V	4
MATVEYEV O I	53	MOLCHANOV A G	79	NIKITINA G N	69
MATYAGIN YU V	74	MOLDAVSKAYA V M	70	NIKOLASHINA L I	77
MAVRIN B N	75	MOLODTSOV S N	42	NIKOLAYEV F A	82
MAVRITSKIY O B	27	MONEKE I	71	NIKOLAYEV F YA	50
MAY R G	83	MONOSOV YA A	51	NISHCHEV G I	40
MAYMISTOV A I	42	MORGUN YU F	2	NITSOLOV S L	44, 45
MAYOROV A P	6	MORICHEV I YE	25, 64	NIZHIN A M	50
MAYOROVA N I	5	MOROZOV A O	76	NORKUS V	41
MAYSOV G V	1	MOROZOV V N	32	NOVAKOVSKIY V	50
MAYYER G V	7, 86	MOROZOV V P	1	NOVIKOV A D	48
MAZAYEV N V	71	MOROZOV YU YU	68	NOVIKOV O	64
MAZHUKIN V I	66	MOROZOVA YE A	64	NOVIKOV S S	11, 15, 32
MAZNICHENKO A F	69	MORY S	20	NOVOBRANTSEV I V	10
MAZUR L YE	52	MOSKALETS O D	51	NOVODVORSKIY O A	21, 53
MAZURENKO YU T	32	MOSKALEVA M A	76	NOVOTNY J	5
MAZUROV I V	44	MOSKALEVA T V	29	NOVOZHILOV S YU	36
MCHEDLIDZE T R	75	MOSKOVETS YE V	54	NOWAKOWSKI W	50
MEDIANU R	9	MOVSESYAN M YE	68		
MEDVED' N V	59	MOZHAROVSKIY A M	3, 80	OBIDIN A Z	20
MEDVEDEV A F	33	MUCHNIK M L	14, 54	OBRAZTSOV V S	52
MEHLIG H	78	MUELLER W	74	ODINTSOV A I	10
MELIK-SARKISYAN A A	7	MUKASHEVA S N	45	ODULOV S G	13, 48
MELIKYAN A O	27	MUKHAMEDGALIYEVA A F	54	ODUVALINA I A	38
MEL'NIK I V	57	MUKHTAROV E I	75	OGURTSOV S V	76
MEL'NIKOV A V	3	MUKIMOV K M	28	OKHOTNIKOV O G	3
MEL'NIKOV F P	73	MURASHEV G R	67	OKISHEV A V	6
MEN'SHENINA N F	33	MURASHOVA V A	57	OKS YE A	81
MERKISHIN G V	24	MURAVITSKIY M A	2, 24	OKTYABR'SKIY S R	71
MERZLYAKOV N S	48	MURAV'YEV A A	32	OLEYNIK I I	73
MERZON G I	80	MURINA T M	3, 66	ORAYEVSKIY A	17
MESHCHERYAKOV YU I	60	MURZIN A G	6, 19	ORAYEVSKIY A N	17, 53
MESHKOVSKIY I K	70	MUSIKHIN V A	53	ORBACHEVSKIY L S	35
METELKIN A N	63	MUZALEVSKIY V YE	21	ORISHICH A M	79, 81
MICHAILOVITS L	77	MYAGKOV A A	24	ORLOV M YU	15, 54
MICHENKO A I	71	MYL'NIKOV V S	64	ORLOV R YU	73
MIHAILESCU I N	77	MYSOVSKIY S N	32	ORLOV V K	53
MIKHALEV N I	49			ORLOV YE P	30
MIKHAYLENKO YU M	56	NAATS I E	44	ORLOV YU V	54
MIKHAYLOV D K	58	NABIYEV I R	74	ORLOVICH V A	28
MIKHAYLOV M D	54	NABOKO V N	45	ORLOVSKIY V M	11
MIKHAYLOV N I	35	NADEZHDINSKIY A I	67	OROSZ J	40
MIKHAYLOV S I	47	NADHAZI A	77	OSHEMKOV S V	72
MIKHAYLOV V P	24	NAGAYEV A I	24	OSIKO V V	1, 2, 33
MIKHEYEV L D	17	NAGIBINA I M	64	OSIPOV M V	79
MIKHEYEV P A	40	NAKHODKIN N G	49	OSIPOV V V	11, 22
MIKHNOV S A	1	NAKWASKI W	40	OSTEN W	64
MIKULENOK A V	73	NANAI I	77	OSTROUMOV V G	1
MILL' B V	33	NAPARTOVICH A N	11	OSTROVSKAYA G V	62, 63
MILSTEYN A I	33	NAPARTOVICH A P	14	OSTROVSKAYA I K	48
MINASYAN G R	27	NASIBOV A S	4	OSTROVSKIY YU M	72
MINAYEV V P	23	NATAL'CHENKO V V	61	OSYKIN V A	20
MINAYEV V S	49	NAUMENKOV P A	80	OTLIVANCHIK M A	55
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KOZLOV G V	39	KUZNETSOVA YE A	63	LOTKOVA E N	12
KOZLOV N P	53	KUZNETSOVA YE M	22	LUBASHEVSKIY I A	6
KOZLOVA N V	74	KUZYAKOV YU YA	21, 53	LUCAK O	63
KOZUBOVSKIY V R	73			LUDWICZAK M	1
KOZYREV V K	40	LABUDA S A	55	LUIZOVA L A	59
KRASILOV YU I	26	LAGUCHEV A S	46	LUKASH K I	67
KRASNOV M M	36	LAKHNO P R	3	LUKIN I A	40
KRASNOV O A	46	LAKIN YE YE	1	LUKIN K A	33
KRASNOV S I	14, 16, 85	LAPSHENKOVA T V	72	LUK'YANCHUK B S	68
KRASNOV V F	66	LAPSKER YA YE	17	LUK'YANOV G A	81
KRAVCHENKO A F	69	LAPTEV V D	26, 34	LUNTER S G	6
KRAVCHENKO A YE	71	LAPTEV V V	1, 2	LUTOSHKIN V I	54
KRAVTSOV YU A	84	LARIKOV A V	56	LYABIN N A	14
KRAYEVSKI G	76	LARKIN A I	49	LYALETSKAYA O A	52
KRAYSLER O D	73	LATENKO YE I	38	LYASHENKO V I	60, 62
KREMENCHUGSKIY L S	55, 56	LATYSHEV S V	77	LYSENKO A I	65
KRENERT YU	3	LAVROVSKIY L A	2	LYSENKOVA L N	52
KRIALASHVILI I V	4	LAZAREV G A	9	LYTKIN A P	77
KRIKUNOVA E M	46	LAZUTKA A S	5	LYUBIMOV V V	19
KRIVONOS A I	63	LEBEDEV F V	58	LYUBOV B YA	82
KRIVOSHCHEKOV G V	2, 29	LEBEDEV V B	62		
KROEDEL G	38	LEBEDEV V D	58	MACHULKA G A	20
KROPOTKIN M A	46	LEBEDEV V V	82	MAGOMEDOV A A	61
KRUSZEWSKI J	63	LEBEDEVA YE L	70	MAK A A	6, 55
KRUTYAKOV YU A	23	LEBO I G	82	MAKARETSKIY YE A	56
KRUZHILIN YU I	3	LEDNEVA G P	35	MAKAROV A A	54
KRYLOV K I	6, 63	LEGEZA V P	57	MAKAROV A I	29
KRYUCHKOV S I	15, 32	LEKHTSIYER YE N	63	MAKAROV N V	19
KRYUCHKOVA O I	75	LEMANOV V V	68	MAKEYEV V S	15
KUBAREV A V	57	LEONOV A G	10	MAKIN V S	67
KUBECEK V	28	LEONOV YE I	71	MAKIYENKO E V	44
KUBECHKEK V	28	LEONTOVICH A M	3, 80	MAKOGON M M	42
KUBYSHKIN V V	57	LENER P B	52	MAKOVETSKIY A A	3
KUCHERYUK V I	86	LESELIDZE D V	50	MAKSIMOV A YU	68
KUCHINSKIY V I	4, 5	LESHCHEV A A	29	MAKSIMOV L V	31
KUDRYAVTSEV A N	42	LETOKHOV V S	36, 54	MAKSJAN K	9
KUDRYAVTSEV N N	11, 15, 32	LEUS N B	45	MAKUKHA V K	6
KUDRYAVTSEV YU A	54	LEUS V I	45	MAKUSHKIN YU S	44
KUEMMEL G	20	LYVCHENKO YE B	78	MALASHIN M S	86
KUKHARCHIK P D	49, 51	LEVI A M	57	MALASHONOK V A	72
KUKONIN A G	49	LEVIN V A	8	MALEVANNYY V S	58
KUKUDZHANOV A R	57	LEVIT A L	25	MALIKOV M M	13
KUKUSHKIN V G	6	LEZHEN A S	44	MALININ A N	17
KULAGINA S N	22	LIBENSON M N	67	MALINOVSKIY V K	50
KULCZUGA K	20	LIBERA L	51	MALKOV A N	3
KULIKOV A O	10	LIFERENKO V D	40	MALOMUZH N P	71
KULIKOV V D	63	LIKHNIKEVICH YE N	37	MALOV A V	75
KULISH N R	69	LIMPOUKH I	82	MALOV S N	51
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AMBRAZYAVICHYUS G	71	BAKLANOVA V N	30	BODUNOV YE N	49
ANAN'IN O B	79	BAKUT P A	47	BOGACHEV G G	67
ANAN'YEV YU A	33	BANAKH V A	43	BOGATOV A P	3, 32
ANDREYANOV YU P	23	BARANOV G A	19	BOGATYREV A YE	13
ANDREYCHUK A YE	26	BARANOV P N	59	BOGDANOV V L	72
ANDREYEV N F	47	BARANOV V YU	10, 16, 17	BOGOLYUBSKIY S L	12
ANDREYEV R V	2	BARAULYA V I	6	BOGOMOLOV N F	59
ANDREYEV S P	71	BARKHUDAROV E M	79	BOGORODSKIY M M	53
ANDREYEV V A	34	DARLEA M	5	BOKHONOV A F	16
ANDREYEV V M	4	BARTKE YE	59	BOL'SHAKOV A A	72
ANDREYEV V N	58	BARYSHEVEKIY V G	26, 28, 71	BOL'SHUNOV A V	36, 37
ANDREYEV V V	55	BASHKIN A S	17	BONCH-BRUYEVICH A M	67
ANDREYEVA O V	49	BASIYEV T T	1	BONDAR' A M	54
ANGELOV A K	23	BASOV N G	10, 12, 79	BONDAR' I I	53
ANGELOV M A	13	BASUN S A	71	BONDAR' V G	1
ANIKEYEV I YU	47	BASYAYEVA L I	25	BONDAREV A D	71
ANIKICHEV S G	33	BATOV I P	35	BONDAREV L A	23
ANISIMOV V A	31	BAYBORODIN YU V	3	BORISEVICH A N	68
ANTIPENKO B M	2	BAYKALOV P I	37	BORISOV B N	3
ANTONOV V M	79	BAYRAMOV B KH	71	BORISOV V M	16
ANTROPOV YE T	14	BAYYER V N	33	BORISOV V T	13
ANTSIBOR V YA	58	BAZDENKOV S V	59	BORISOV YU B	86
ANTSYGIN V D	23, 67	BAZHENOV M YU	49	BORISOVA Z U	54
ANTYUKHOV V V	58	BAZHENOV V V	67	BORODIN V I	59
ANUFRIK S S	6	BAZHENOV V YU	49	BORODKIN A A	59
ANUR'YEV YE A	41	BAZYL' O K	7	BORODULINA O S	3
APANASEVICH P A	28	BEDRIN A G	67	BOROVVOY A G	59
APOLLONOV V V	10	BEGISHVILI D G	58	BORSHCHIYEVSKIY V M	24
APOSTOL D	9	BEKKER A M	58	BORTSOV A A	34
APOSTOL I	77	BEKKIYEV A YU	72	BOYKO V A	80
APRESYAN L A	84	BEL'DYUGIN I M	26	BOYKOV A A	59
ARAKELYAN S M	18, 67	BELEN'KIY M S	43, 84	BRAGINSKAYA A G	4
ARANCHUK L YE	12	BELENOV E M	59	BRAUDE V B	37, 41
ARASLANOV SH F	14	BELKIN N D	47	BREITLAUCH A	68
ARKHIPKIN V G	84	BEL'KOV YE P	18	BREKHOV YE I	36
ARSEN'YEV P A	33	BELOKON' M V	71	BREYEV V V	7

VNIIYaGG

VNII yadernoy geofiziki i geokhimii
All-Union Scientific Research Institute of Nuclear
Geophysics and Geochemistry, Moscow

VNITsISPIV

VNI tsentr po izucheniyu svoystv poverkhnosti i vakuuma
All-Union Scientific Research Center for Studying the
Properties of Surfaces and Vacuums, Moscow

VTsSOAN

Vychislitel'nyy tsentr SOAN
Computer Center, Siberian Branch Academy of Sciences
USSR

VVIAZhuk

Voyenno-vozdushnaya inzhenernaya akademiya
Air Force Engineering Academy, Moscow

VZPI

Vsesoyunnyy zaochnyy politekhnicheskiy institut
All-Union Correspondence Polytechnic Institute,
Moscow

UDN

Universitet druzhby narodov im Lumumby
University of friendship Among Peoples
imeni Lumumba, Moscow

UzhGU

Uzhgorodskiy gos universitet
Uzhgorod State University

UZPI

Ukrainskiy zaochnyy politekhnicheskii institut
Ukrainian Correspondence Polytechnic Institute,
Khar'kov

VilGU

Vil'nyusskiy gos universitet
Vilnius State University

VINITI

Vsesoyuznyy institut nauchnoy i tekhnicheskoy
informatsii
All-Union Institute of Scientific and Technical
Information, Moscow

VIOGEM

VNI i proyektno-konstruktorskiy institut po osusheniyu
mestorozhdeniy poleznykh iskopayemykh, spetsial'nykh
gornym rabotam, rudnichnoy geologii i marksheyderskomu
delu
All-Union Scientific Research, Planning and Design
Institute for the Reclamation of Recoverable Mineral
Deposits, Special Mining Operations, Mining Geology
and Mine Surveying, Belgorod

VNIFTRI

VNII fiziko-tekhnicheskikh i radiotekhnicheskikh
izmereniy
All-Union Scientific Research Institute of Physico-
technical and Radiotechnical Measurements, Moscow

VNIIE TO

VNII elektrotermicheskogo oborudovaniya
All-Union Scientific Research Institute of
Electrothermal Equipment

VNIIGBol

VNII glaznykh bolezney
All-Union Scientific Research Institute of
Eye Diseases, Moscow

VNIIMono

VNII monokristallov, stsintillyatsionnykh materialov
i osobo chistykh khimicheskikh veshchestv
All-Union Scientific Research Institute of Single
Crystals, Scintillation Materials and Extra Pure
Chemical Substances, Khar'kov

VNIIOFI

VNII optiko-fizicheskikh izmereniy
All-Union Scientific Research Institute of
Optophysical Measurements, Moscow

ONIIGBT

Odesskiy NII glaznykh bolezney i tkanevoy terapii
Odessa Scientific Research Institute of Eye Diseases
and Tissue Therapy

PetGU

Petrozavodskiy gos universitet
Petrozavodsk State University

RMEDI

Rostovskiy meditsinskiy institut
Rostov Medical Institute

RTsMSGruz

Respublikanskiy tsentr mass-spektrometrii GruzSSR
Republic Center for Mass Spectrometry of the
Georgian SSR, Tbilisi

SFTI

Sibirskiy fiziko-tekhnicheskiy institut im Kuznetsova
Siberian Physicotechnical Institute imeni Kuznetsov,
Tomsk

SKBOptika

Spetsial'noye konstruktorskoye byuro nauchnogo
priborostroyeniya "Optika" SOAN
"Optika" Special Design Bureau for Scientific
Instrument Manufacture, Siberian Branch Academy
of Sciences USSR

TaGU

Tadzhikskiy gos universitet
Tadzhik State University

TbGU

Tbilisskiy gos universitet
Tbilisi State University

TGU

Tomskiy gos universitet
Tomsk State University

ToPI

Tomskiy politekhnicheskiy institut
Tomsk Polytechnic Institute

TsNIIChermet

Tsentral'nyy NII chernoy metallurgii im Bardina
Central Scientific Research Institute of Ferrous
Metallurgy imeni Bardin, Moscow

TsNIIMF

Tsentral'nyy NII morskogo flota
Central Scientific Research Institute of the
Maritime Fleet, Leningrad

TulPI

Tul'skiy politekhnicheskiy institut
Tula Polytechnic Institute

TyumII

Tyumenskiy industrial'nyy institut
Tyumen Industrial Institut

NIFKhI

NI fiziko-khimicheskiy institut im Karpova
Scientific Research Institute of Physicochemistry
imeni Karpov

NIIEA

NII elektrofizicheskoy apparatury im Yefremova
Scientific Research Institute of Electrophysical
Equipment imeni Yefremov, Leningrad

NIIFL

Fizicheskiy NII pri Leningradskom gos universitete
Physics Scientific Research Institute at Leningrad
State University

NIIGAik

Novosibirskiy institut inzhenerov geodezii,
aerofotos"yemki i kartografii
Novosibirsk Institute for Engineers of Geodesy,
Aerial Surveying and Cartography

NIIMCh

NII morfologii cheloveka AMN SSSR
Scientific Research Institute of Human Morphology,
Academy of Medical Sciences USSR

NIIPFP

NII prikladnykh fizicheskikh problem pri
Belorusskom gos universitete
Scientific Research Institute of Applied Physics
Problems at Belorussian State University

NIIREV

NII revmatizma AMN SSSR
Scientific Research Institute of Rheumatism,
Academy of Medical Sciences USSR

NIIS

Gosudarstvennyy NII stekla
State Scientific Research Institute of Glass, Moscow

NIISI

NII stabil'nykh izotopov
Scientific Research Institute of Stable Isotopes

NIYaFEA

NII yadernoy fiziki, elektroniki i avtomatiki pri
Tomskom politekhnicheskoye institute
Scientific Research Institute of Nuclear Physics,
Electronics and Automation at Tomsk Polytechnic
Institute

NIKFI

NI kinofotoinstitut
Scientific Research Institute of Motion Pictures and
Photography, Moscow

OGU

Odesskiy gos universitet
Odessa State University

OIYaI

Ob"yedinennyy institut yadernykh issledovaniy
Joint Institute of Nuclear Research, Dubna

MFTI
 Moskovskiy fiziko-tekhnicheskiy institut
 Moscow Physicotechnical Institute

MGI
 Morskoy gidrofizicheskiy institut AN UkrSSR
 Marine Hydrophysical Institute, Academy of Sciences
 Ukrainian SSR

MGMIVt
 Vtoroy Moskovskiy meditsinskiy institut im Pirogova
 Second Moscow Medical Institute imeni Pirogov

MGU
 Moskovskiy gos universitet
 Moscow State University

MIEM
 Moskovskiy institut elektronnoy mashinostroyeniya
 Moscow Institute of Electronic Machinery

MIET
 Moskovskiy institut elektronnoy tekhniki
 Moscow Institute of Electronic Engineering

MIFI
 Moskovskiy inzhenerno-fizicheskiy institut
 Moscow Engineering Physics Institute

MIREA
 Moskovskiy institut radiotekhniki, elektroniki i
 avtomatiki
 Moscow Institute of Radio Engineering, Electronics
 and Automation

MITKhT
 Moskovskiy institut tonkoy khimicheskoy tekhnologii
 im Lomonosova
 Moscow Institute of Fine Chemical Technology
 imeni Lomonosov

MKhTI
 Moskovskiy khimiko-tekhnicheskiy institut im Mendeleyeva
 Moscow Institute of Chemical Technology imeni Mendeleyev

MNII
 Moskovskiy NII glaznykh bolezney im Gel'mgol'tsa
 Moscow Scientific Research Institute of Eye Diseases
 imeni Gel'mgol'ts

MNIIG
 Moskovskiy NII gigiyeny im Erismana
 Moscow Scientific Research Institute of Hygiene
 imeni Erisman

MNILEKKh
 Moskovskaya NI laboratoriya eksperimental'noy i
 klinicheskoy khirurgii glaza s klinikoy
 Moscow Scientific Research Laboratory of Experimental
 and Clinical Eye Surgery with a Clinic

MVTU
 Moskovskoye vyssheye tekhnicheskoye uchilishche im
 Baumana
 Moscow Higher Technical College imeni Bauman

TYMCHIK G S	74	VINOKHODOV A YU	16	YARTSEV V I	13
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TYURIN YU M	65	VLADIMIROV F L	25	YAVOKHIN A N	81
TYUTIKOVA I N	58	VLASOV D V	72	YEFIMENKO M N	13
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UVAROV A D	43	VORONKOVA G I	66	YESAYAN S KH	68
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		VOYTENKOV A I	41	YEVDOKIMENKO YU I	33
VAGIN N I	59	VOYTIK M G	41	YEVDOKIMOV A A	33
VAKSMAN M A	28	VOYTOVICH A P	25	YEVDOKIMOV V A	71
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VASILENKO L S	54	WEISSBACH B	39	YURYSHEV N N	17
VASILISHCHEVA I V	79	WERNICKE G	64	YUSUBOV F M	26
VASILIU V	9	WIEDERHOLD G	25	YUZHAKOV A N	81
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VASIL'YEV A M	52	WOLSKI J	81	ZADIRANOV YU M	4
VASIL'YEV A V	37	WRONA R	34	ZAGORSKAYA Z A	50
VASIL'YEV G	17			ZAGORSKIY YA T	56, 57
VASIL'YEV L A	77	YAKIMENKO M N	57	ZAKHARCHENKO S V	46
VASIL'YEV M V	29	YAKIMOVICH A P	49, 52	ZAKHAROV S D	83
VASIL'YEV N N	75	YAKOVENKO N A	38	ZAKHAROV S M	88
VASIL'YEV P P	32	YAKOVENKO P A	40	ZAKHAROV S YA	23
VASIL'YEV S K	75	YAKOVENKO S S	66	ZAKHAROV V D	36
VASIL'YEVA I A	66	YAKOVKIN I B	39	ZAKHAROV V YE	32
VASIN B L	83	YAKOVLENKO S I	16, 80	ZAKHAROV YU P	79
VASNETSOV M V	49	YAKOVLEV N L	73	ZAKREVSKIY N V	8
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VAYSLEYB YU V	37, 41	YAKOVLEV YE B	70	ZANADVOROVA N V	64
VDOVIN V A	46	YAKOVUK O A	54	ZAPESOCHNYY I P	13, 67
VEDENOV A A	78	YAKUSHEV A I	9	ZAPOROZHETS YU B	83
VENEDIKTOV V YU	29	YAKUSHEV A K	81	ZARETSKIY D F	70
VENERAKI I E	66	YAKUSHEV G G	64	ZARGAR'YANTS M N	39
VENZEL' V I	52	YALYSHEV YU I	67	ZARIN A S	83
VERBITSKIY N N	66	YAMSHCHIKOV V A	10	ZARIPOV SH B	31
VERBOVETSKIY A A	48	YANENKO N N	42	ZASAVITSKIY I I	67
VERETENNIKOV V V	46	YANI YA	24, 62	ZAVOROTNYY S I	21
VESELA Z	64	YANKEVICH Z	50	ZAYAKIN V V	86
VETSKO V M	53	YANOVSKIY V P	22	ZAYAKIN A A	14
VEYKO V P	70, 78	YANUSOVA L G	69	ZEL'DOVICH B YA	25, 52
VIKHAREV V D	12	YAREMCHUK V A	39	ZELINKA J	5
VIL'KOTSKIY M A	60	YARMOSH N A	49	ZEMLYANSKIY V M	25
VINETSKIY V L	70	YAROSHETSKIY I D	68	ZEMSKIY V I	70
VINOGRADOV A V	87	YAROSLAVSKIY L P	48	ZEMSKOV M YE	77
VINOGRADOV I P	16	YAROVYO L K	59	ZEMSKOV YE M	26

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ZHAKIN A I	70
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ZHURAVLEV YE YE	83
ZHURKIN B G	71
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ZIBROV A S	4
ZIKRIN B O	53
ZIMENKO V I	71
ZIMOGLYADOVA YE A	48
ZINCHENKO A K	19
ZLOMANOV V P	4
ZOLOTOV YE M	23, 41
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